

What are the Space Technology Programs? http:www.nasa.gov/spacetech

NASA

NASA Innovative and Advanced Concepts (NIAC) – "Study innovative, technically credible, advanced concepts that could one day 'Change the Possible' in aerospace"

Space Technology Research Grants and Fellowships –Graduate student research fellowships and grants to academia, NASA field centers and not-for-profit R&D laboratories

Center Innovation Fund (CIF) – stimulate innovation within the NASA Centers support emerging technologies and creative initiatives - NASA scientists and engineers lead projects, partnerships with other agencies, academia and private industry are encouraged.

Centennial Challenges - Prize Competitions

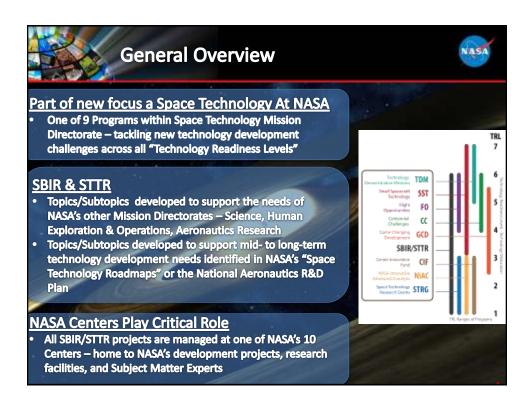
Small Business Innovative Research (SBIR)/Small Business Technology Transfer (STTR)

Small Spacecraft Technology Program - Accelerate the development of small spacecraft capabilities for NASA, commercial, and other space sector users.

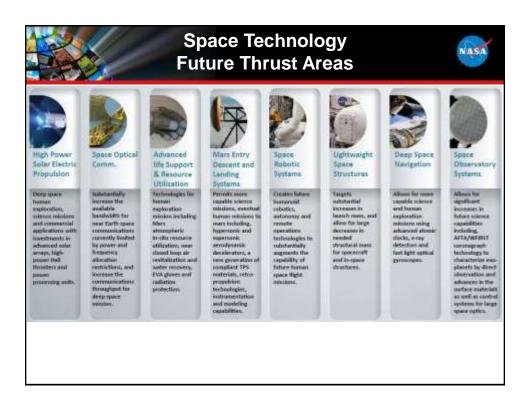
Flight Opportunities - Create multiple paths through which innovative technologies may be matured from concept to flight by facilitating low-cost access to suborbital environments

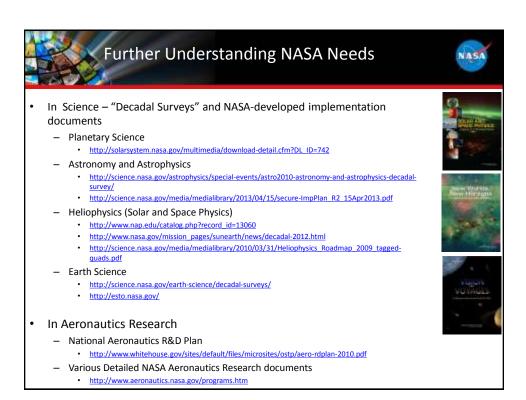
Game Changing Development (GCD) – Develop technologies that produce "dramatic" impacts for NASA's Space Exploration and Science Missions; a balanced approach of guided technology development efforts and competitively selected efforts

Technology Demonstration Missions (TDM) - Seeks to mature laboratory-proven technologies to flight-ready status; system-level technology solutions are given the opportunity to operate in the actual space environment









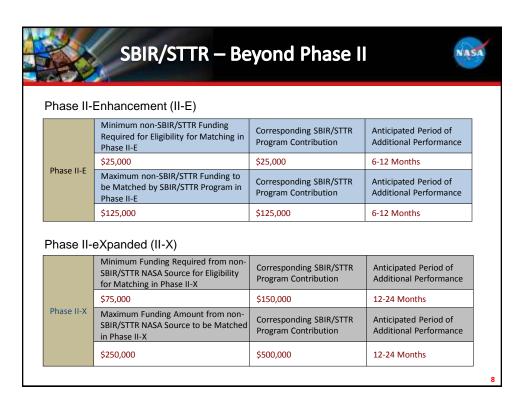














- Executing limited pilot effort for a CRP in FY 2014, which will expand in FY 2015.
- Goal to more directly infuse SBIR/STTR-developed technology into NASA's broader programs
- NASA programs act as "Sponsors"
 - Sponsors must illustrate how they intended to conduct critical risk reduction or test-and-demonstration activities - activities that if not conducted would limit commercialization opportunities
 - SBIR/STTR Program will be able to offer partnership funding for technology maturation, if Sponsor Programs provide matching funds
 - Sponsor Programs must present a SBIR/STTR Technology Maturation Plan (STMP) to the SBIR/STTR Program; the STMP must identify funding needs, schedule, opportunities and plans for infusion or commercialization
- Currently examining process used in first half of FY 2014
- Anticipate a user guide and STMP forms on SBIR website in FY 2015